

THREE RIVERS COMMUNITY COLLEGE					
OPERATIONS MANAGEMENT ASSIGNMENTS (Revised 1/22/07)					
CLASS #	DUE DATE	Description of material to be covered	READING & HOMEWORK ASSIGNMENT		
			READING DUE	PROBLEMS DUE	
1	01/23/07	Introduction- Review syllabus; grading criteria; attendance criteria and methodology; homework assignments; overview of course (power point) Student log-on, CD Rom load, Rom review and CD programs loading procedure	NONE	NONE	
	01/23/07	Problem solving with SODUKU	NONE	NONE	
		How to use EXCEL and its application to OPERATIONS problems			
		Power Point overview of Chapter one with emphasis on PRODUCTIVITY MEASUREMENT			
2	01/30/07	Review Chapter One Homework problems	ONE	CH 1 - 2, 4, 6, 7, 13, 14	
		Using student CD-Rom & Excel SOLVER in applications to Linear programing problems - Demonstrate LP programming solutions on SAMPLE PROBLEMS	MOD - B	MOD B - Sample Prob. B-1 thru B-5	
	01/30/07	Use Excel Solver for Solution of Quantitative Module B homework assignments	MOD - B	Mod B - 4, 8, 10 & 12	
		3	02/06/07	Review Homework problems - Quantitative Module B	MOD - B
Power Point overview of Chapter TWO with emphasis on STRATEGY TERMINOLOGY	TWO			NONE	
02/06/07	Answer questions pertaining to test		MODULE B & Chapt. 2	NONE	
	TEST #1 CHAPTERS 1, 2 & MOD B DISTRIBUTED				
4	02/13/07	TEST #1 DUE AT BEGINNING OF CLASS	THREE	NONE - Read Chapter 3	
		Review selected test problems			
		Power Point overview of Chapter THREE with emphasis on POM PROGRAM for solution			
	02/13/07	Power Point overview of Chapter THREE with emphasis on MS PROJECTS for solution	THREE	Video Case - Hard Rock's Rockfest: Prepare Work Breakdown Structure	
		Use MS PROJECT for Milwaukee Paper example & Problem 3-20			
		Solve sample project problems using ACTIVE MODEL & EXCEL OM			
5	02/20/07	Solve homework project problems using ACTIVE MODEL & EXCEL OM	THREE	CH 3 - 1, 3, 6, 14 & 15, 18, & 24	
		Use MS PROJECT - Review Hard Rock's Rockfest; ORIGINAL SCHEDULE homework			
	02/20/07	Use MS PROJECT - Review Hard Rock's Rockfest; CRASHED SCHEDULES homework	THREE	CRASH ROCKFEST	
		Power Point overview of TIME-SERIES FORECASTING	FOUR	NONE - Read Chapter 4	
		Application of EXCEL OM & ACTIVE MODEL TOOLS to time series forecasting problems			

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6	02/27/07	Review homework problems - <u>TIME-SERIES FORECASTING</u>	FOUR	4.2, 4.3, 4.5, 4.7, 4.9, 4.19, 4.24, 4.25,
		Power Point overview of <u>Regression & Correlation Analysis of Forecasting</u>		
	02/27/07	Review homework problems - <u>Regression & Correlation Analysis of Forecasting</u>	FOUR	4.28, 4.39, 4.40 & 4.49
		TEST #2 ON CHAPTERS 3 & 4 DISTRIBUTED		
7	03/06/07	TEST #2 DUE AT BEGINNING OF CLASS	SIX plus SIX SUPPLEMENT	NONE Read Chapter Six & Six Supplement
		Power point overview of <u>Quality Management</u>		
		Power Point overview of <u>SPC - Statistical Process Control</u>		
	03/06/07	Review Excell Spredsdsheet techniques	NONE	
8	03/13/07	Review homework problems for <u>Quality Management</u> and <u>Statistical Process Control</u>	SIX SUPPLEMENT	6.3, 6.12, 6.14, 6.16, S6.1, S6.2, S6.3, S6.6,
	03/13/07	Review homework problems for <u>Statistical Process Control</u>	QUANTITATIVE MODULE A	S6.10, S6.14, S6.16-18, S6.25, S6.34
		Power Point overview of <u>Quantitative Module A - Decision Making Tools</u>		
		Power Point overview of Chapter <u>SEVEN - Process Strategy</u>		
N/A	03/20/07	SPRING BREAK - NO CLASS	NONE	
9	03/27/07	Review homework problems - <u>Decision Making Tools</u>	SEVEN	Mod. A: 1, 2, 5, 9, 14, 15, 16, 18, 19
		Power Point overview of Chapter <u>SEVEN SUPPLEMENT- Capacity Planning</u>		
	03/27/07	Review homework problems - <u>Process Strategy</u>	SEVEN SUPPLEMENT	7.1a, 7.5 thru 7.8, 7.9, 7.11, & 7.12
10	04/03/07	Solving CAPACITY PLANNING problems using <u>Break-Even & Decision Tree</u> techniques	Module D	7 Supp. Prob: 1, 2, 3, 6, 9,16, 22, 24, 25, 27, 28, 29, 33
		Power Point overview of <u>Quantitative Module D - Queuing Systems</u>		
	04/03/07	open - to be determined		

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11	04/10/07	Review homework problems - <u>Queing Systems</u>	6, 6S, 7, 7S, MOD A & MOD D	D: 2, 3, 5, 7, 9, 13, 15	
		TEST # 3 CHAPTERS 6, 6 Supplement, 7 & 7 Supplement & Modules A & D DISTRIBUTED			
	04/10/07	TEST # 3 DUE AT BEGINNING OF CLASS	ELEVEN & 11 SUPPLEMENT	NONE - Read Chapter 11 & 11 supplement	
		Review selected test problems Power Point overview of Chapter Eleven & Eleven Supplement - <u>Supply Chain Management</u>			
12	04/17/07	Review homework problems Chapter Eleven - <u>Supply Chain Management</u>	ELEVEN	Chapt. 11 - 2, 3, 6, 7, 8, 9, & 10	
		Power Point overview of Quantitative Module E - <u>Learning Curves</u>	Module E & Chapter 12	NONE Reading Only	
	04/17/07	Power Point overview of Chapter TWELVE - <u>Inventory Management</u>	Module E & Chapter 12		
13	04/24/07	Review homework problems - <u>Solving Learning Curve Problems</u>	MOD E	E: 4, 9, 12, 16, 20	
		See Active model program on student CD & page 504 of text	TWELVE	Excel Solution pg. 500	
	04/24/07	See Chapter practice problems on student CD	TWELVE	Chap. practice problems Active Model 12.1 Chapt. 12 - 2, 5, 9, 12, 13, 16, 19, 24, 25, 27, 29, 37	
		Review homework problems - <u>INVENTORY MANAGEMENT</u>			
		Power Point overview of Chapter THIRTEEN - <u>AGGREGATE PLANNING</u>			
			THIRTEEN	READ ONLY	
14	05/01/07	Complete review of homework problems - <u>INVENTORY MANAGEMENT</u>	TWELVE	Chapt. 12 - 2, 5, 9, 12, 13, 16, 19, 24, 25, 27, 29, 37	
		Review homework problems - Chapter THIRTEEN - <u>AGGREGATE PLANNING</u>	THIRTEEN	See problem list below	
	05/01/07	Review homework problems - Chapter THIRTEEN - <u>AGGREGATE PLANNING</u>	THIRTEEN	Chapt. 13 - 1, 2, 3, 4, 5, 6, 11, 12, 16 & 22	
		Power Point overview of Chapter FOURTEEN - <u>MATERIALS REQUIREMENTS PLANNING</u>	FOURTEEN	NONE Reading Only	

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15	05/08/07	Review homework problems - <u>MATERIALS REQUIREMENTS PLANNING</u>								FOURTEEN	Chapt. 14 - 3, 4, 5, 6, 13, 17, 18, 19
	05/08/07	Review homework problems - <u>MATERIALS REQUIREMENTS PLANNING</u>								FOURTEEN	Chapt. 14 - 26 & 27
	TEST # 4 CHAPTERS 11, 11 Supplement, 12, 13, 14 and Module E DISTRIBUTED								11, 11S, 12, 13, 14 & MOD E		
16	05/15/07	TEST # 4 DUE AT BEGINNING OF CLASS								NONE	